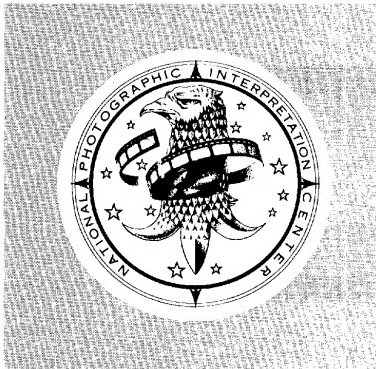


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**BASIC IMAGERY
INTERPRETATION
REPORT**

**ACTIVITY REVIEW - CHINESE
AIRFRAME AND AIRCRAFT ENGINE PLANTS**

STRATEGIC WEAPONS INDUSTRIAL FACILITIES

CHINA

DECLASS REVIEW by NIMA/DOD

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INSTALLATION OR ACTIVITY NAME

COUNTRY

Activity Review - Chinese Airframe and Aircraft Engine Plants

CH

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

See below

CATEGORY

See below

BE NO.

See below

COMIREX NO.

See below

NIETB NO.

See below

MAP REFERENCE

SAC. USATC, Series 200, Sheet 0385-6, scale 1:200,000

DIA. USATC, Series 200, Sheet 0290-11, scale 1:200,000

ACIC. USATC, Series 200, Sheets 0283-18 and 0384-15, scale 1:200,000

LATEST IMAGERY USED

NEGATION DATE (If required)

NA

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InstallationGeographic
Coordinates

Hsi-an Airframe Plant	34-38-46N
Yen-liang 172	109-13-34E
Shen-yang Airframe Plant 112	41-52-07N 123-26-01E
Ha-erh-pin Aircraft Engine Plant Ping- fang 120	45-35-19N 126-40-02E
Hsi-an Aircraft En- gine Plant 430	34-21-46N 108-57-26E
Shen-yang Aircraft Engine Plant 410	41-37-34N 123-30-27E

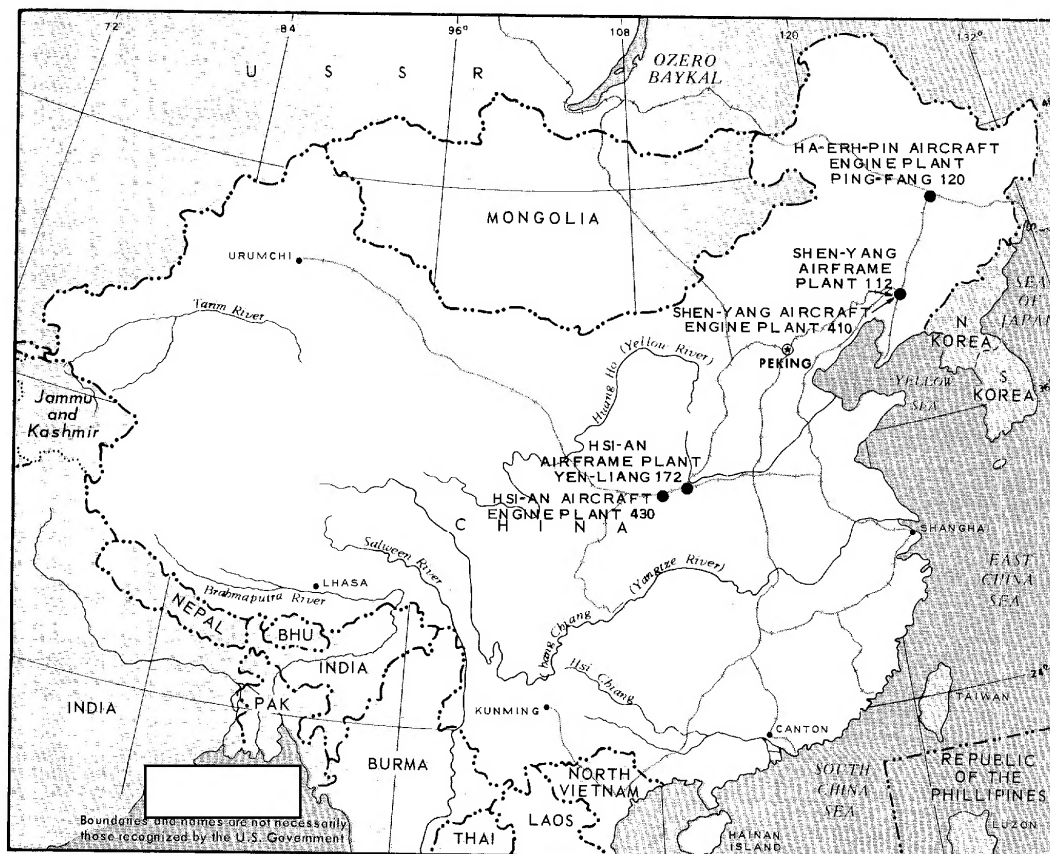


FIGURE 1. LOCATION MAP

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NOTICE

1. The reports listed below substantially satisfy the basic reporting requirements for these targets:

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NPIC. [] Hsi-an Airframe Plant Yen-liang 172, Sep 69 (TOP SECRET

NPIC. [] Shenyang Airframe Plant 112, Feb 70 (TOP SECRET []

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NPIC. [] Harbin Aircraft Engine Plant Pingfangtien 120, Dec 68 (TOP

SECRET []

NPIC. [] Hsian Aircraft Engine Plant 430, Feb 68 (TOP SECRET []

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NPIC. [] Shenyang Aircraft Engine Plant 410, Jan 69 (TOP SECRET

Changes and additions since [] are given under "Basic Description." Major expansion has taken place at the two airframe plants. Minor changes have taken place at the three aircraft engine plants. This report includes a location map and annotated photographs of the two airframe plants.

BASIC DESCRIPTION

Hsi-an Airframe Plant Yen-liang 172

2. A major plant expansion program was underway at Hsi-an Airframe Plant Yen-liang 172 (Figures 1 and 2) in the latter half of 1969. The most significant activity has been observed in the area adjacent to the large assembly building (item 1, Figure 2). Roof supports and structural materials were observed adjacent to the east wall of the building in [] indicating a planned expansion of the subassembly section (item 1a) of the building. Footings, observed in [] further indicated that the expansion would consist of two large bays, each []. The two-bay addition was in a late stage of construction (under roof) in []. A probable shop section (item 1b) was also observed in November. This section, attached to the east wall of the two-bay addition, is []. When completed, the two-bay addition and the probable shop section will add at least [] (square feet) of floorspace to the existing subassembly area.

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3. The administration/engineering section (item 1c) of the assembly building will probably also be extended. Expansion of this section could add at least [] of floorspace to the present administration/engineering area. This figure is based on the present configuration of the administration/engineering section. Expansion of the assembly building would increase its total floorspace by nearly 22 percent. This would raise the total floorspace of the building to [] (square feet).

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4. Construction of a probable administration building (item 2) and a probable final assembly hall (item 3) was observed in []. These buildings were in late stages of construction in [].

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5. The large rail-served warehouse (item 4), first seen under construction in [] was completed by []. Three shop buildings (item 5), four test-associated buildings (item 6), 18 warehouses, 14 utility buildings, and four small building additions were constructed between [].

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6. The large checkout hangar (item 7) was in a late stage of construction in []. Construction had also been resumed on the new POL storage area (item 8) located on the west side of the plant.

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8. A large probable operations support building (item 9) was observed under construction at Hsi-an/Yen-liang Airfield [redacted] This has been the only change observed at the test and flyaway field since [redacted] The building, when completed, will contain at least [redacted] of floorspace.

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9. Photographic evidence obtained since [redacted] indicates that Plant 172 is continuing to produce the Badger (TU-16) at an increasing rate. Four, and possibly five, Badger had been identified in China by [redacted] eight by [redacted] and 12 by [redacted] Sixteen Badger were observed at Plant 172 on [redacted] Nineteen Badger were identified at Wu-kung Airfield ([redacted]) and five were seen at Plant 172 on [redacted] indicating a total of at least 19, and probably 24, Badger.

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10. A new twin-engine, delta-wing fighter, designated Hsian-A, was identified at Plant 172 on [redacted] This aircraft was again observed at the plant on [redacted] and [redacted] Construction of additional assembly facilities indicates that Plant 172 may undertake production of fighter-sized aircraft in addition to Badger production.

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Shen-yang Airframe Plant 112

11. Construction changes observed at Shenyang Airframe Plant 112 (Figure 3) since [redacted] are part of a plant expansion program that began in early 1969. A small shop building (item 1), an addition to a heating plant (item 2), and four utility buildings observed under construction in [redacted] were completed by [redacted] A small probable administration building (item 3), observed in a midstage of construction in [redacted] and completed in [redacted] was observed to be wall secured in [redacted]

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12. A large assembly building (item 4) and a large engineering/laboratory building (item 5), first seen under construction in [redacted] appeared to be complete in [redacted] The assembly building contains [redacted] of floorspace. The laboratory/engineering building contains [redacted] square feet) of floorspace.

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13. A small probable shop building (item 6), seen under construction in the south-central plant area in [redacted] was completed by [redacted] A utility building (item 7) was first seen under construction in [redacted] Five utility buildings were razed in the northeast plant area between [redacted] Portions of a security wall around the area of expansion were identified in [redacted]

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14. Construction at the plant since [redacted] has added [redacted] of floorspace, raising the total floorspace of Plant 112 to [redacted]

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15. No construction changes have been observed at Shenyang/Peiling Airfield [redacted] [redacted] the test and flyaway field for Plant 112, since [redacted]

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Ha-erh-pin Aircraft Engine Plant Ping-fang 120

16. No new major construction has been observed at Ha-erh-pin Aircraft Engine Plant Ping-fang 120 since [redacted] However, six small probable test-associated structures were constructed in the northeast plant area between [redacted] Three of these structures are identical to two previously existing structures, also located in the northeast plant area. Two small buildings were observed under construction, adjacent to the large incomplete shop building, in [redacted]

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Hsi-an Aircraft Engine Plant 430

17. No significant construction activity has been observed at Hsi-an Aircraft Engine Plant 430 since [redacted] However, some minor construction has taken place, both within and immediately outside the plant area. Two warehouses have been constructed in the northwest corner of the plant since [redacted] Another warehouse has been constructed in the northeast corner of the plant. The three warehouses have a combined floorspace of [redacted] A small support building, adjacent

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to the large U-shaped administration/engineering building, was enlarged. The building now has a floorspace of [REDACTED]. Construction at the plant since [REDACTED] has raised the total floorspace of the plant to [REDACTED]

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18. A small storage/support area, possibly related to Plant 430, is located outside the northeast corner of the plant. This area contains eight small warehouses, four of which have been built since [REDACTED]. The warehouses contain [REDACTED] (square feet) of floorspace.

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Shen-yang Aircraft Engine Plant 410

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19. No significant change has been observed at Shen-yang Aircraft Engine Plant 410 since [REDACTED]. A small administration building in the southeast corner of the main plant area has been completed since that time. The building, in [REDACTED] contained [REDACTED] of floorspace, an increase of nearly [REDACTED]

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[REDACTED] of floorspace since [REDACTED]

20. Plant 410 has access to the aircraft repair facilities at the northeast end of Shenyang/Tungsha Airfield [REDACTED] located immediately south of the plant. Six buildings, including two probable shop buildings and four probable warehouses, have been added to the aircraft repair facilities. One of the large aircraft repair hangars has been partially razed.

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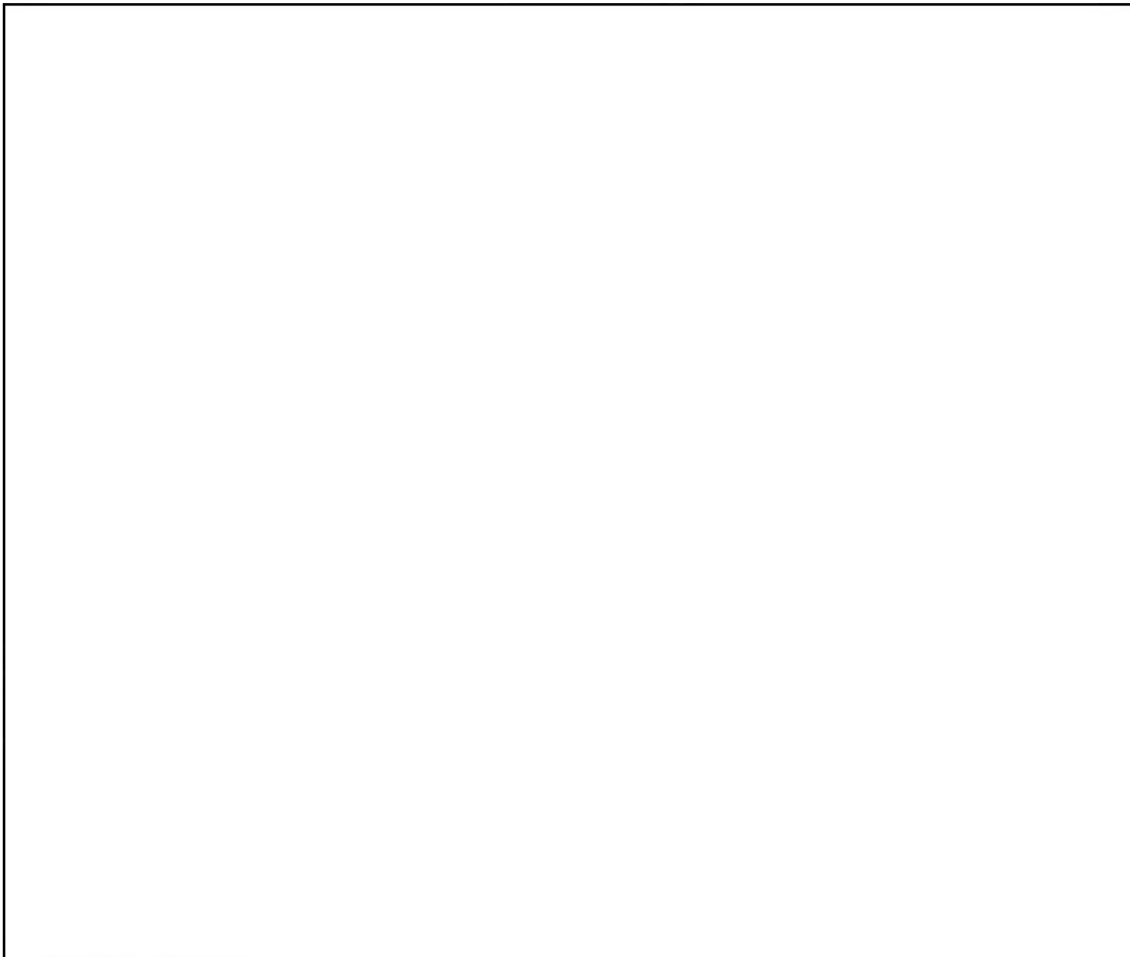
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REFERENCES

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MAPS OR CHARTS

- SAC. USATC, Series 200, Sheet 0385-6, scale 1:200,000
- DIA. USATC, Series 200, Sheet 0290-11, scale 1:200,000
- ACIC. USATC, Series 200, Sheets 0283-18 and 0384-15, scale 1:200,000

REQUIREMENT

- COMIREX J02
- NPIC/IEG/SD/NIB Project 221366

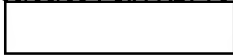
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